

Day : Thursday

Date: 5/1/2003  
Time: 12:37:57 PALM INTRANET**Inventor Name Search Result**

Your Search was:

Last Name = HAYAKAWA

First Name = TOSHIRO

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>10360655</u>	Not Issued	020	02/10/2003	STRIPE TYPE SEMICONDUCTOR LIGHT EMITTING ELEMENT HAVING INGAN ACTIVE LAYER, COMBINED WITH OPTICAL RESONATOR INCLUDING WAVELENGTH SELECTION ELEMENT	HAYAKAWA, TOSHIRO
<u>10329762</u>	Not Issued	019	12/27/2002	IMAGE EXPOSURE DEVICE AND LASER EXPOSURE DEVICE APPLIED THERETO	HAYAKAWA, TOSHIRO
<u>10329511</u>	Not Issued	020	12/27/2002	GALLIUM NITRIDE BASED SEMICONDUCTOR LASER AND IMAGE EXPOSURE DEVICE	HAYAKAWA, TOSHIRO
<u>10328179</u>	Not Issued	019	12/26/2002	IMAGE EXPOSING APPARATUS AND IMAGE EXPOSING METHOD	HAYAKAWA, TOSHIRO
<u>10144863</u>	Not Issued	030	05/15/2002	OPTICAL RECORDING METHOD, APPARATUS, SYSTEM AND MEDIUM USING HIGH-POWER LASER LIGHT	HAYAKAWA, TOSHIRO
<u>10056038</u>	Not Issued	030	01/28/2002	LIGHT SOURCE APPARATUS EQUIPPED WITH A GAN TYPE SEMICONDUCTOR LASER, A METHOD OF ELIMINATING STRAY LIGHT, AND AN IMAGE FORMING APPARATUS	HAYAKAWA, TOSHIRO
<u>09984388</u>	Not Issued	041	10/30/2001	LIGHT-EMITTING DIODE	HAYAKAWA, TOSHIRO
<u>09962138</u>	Not Issued	120	09/26/2001	SEMICONDUCTOR LASER DEVICE IN WHICH	HAYAKAWA, TOSHIRO

				THICKNESSES OF OPTICAL GUIDE REGION AND ALGAN CLADDING LAYERS SATISFY PREDETERMINED CONDITION	
<u>09848325</u>	Not Issued	168	05/04/2001	OPTICAL RECORDING METHOD AND OPTICAL RECORDING APPARATUS EMPLOYING THE SAME	HAYAKAWA, TOSHIROU
<u>09840025</u>	Not Issued	071	04/24/2001	SEMICONDUCTOR LASER MODULE HAVING OPTICAL WAVELENGTH CONVERSION ELEMENT AND SEMICONDUCTOR LASER ELEMENT WHICH INCLUDES QUANTUM-WELL SUBLAYERS HAVING DIFFERENT THICKNESSES AND/OR COMPOSITIONS	HAYAKAWA, TOSHIRO
<u>09826851</u>	Not Issued	041	04/06/2001	SEMICONDUCTOR LASER ELEMENT AND SEMICONDUCTOR LASER	HAYAKAWA, TOSHIRO
<u>09820357</u>	6567444	150	03/29/2001	HIGH-POWER SEMICONDUCTOR LASER DEVICE IN WHICH NEAR-EDGE PORTIONS OF ACTIVE LAYER ARE REMOVED	HAYAKAWA, TOSHIRO
<u>09801695</u>	Not Issued	071	03/09/2001	FUNDAMENTAL-TRANSVERSE-MODE INDEX-GUIDED SEMICONDUCTOR LASER DEVICE HAVING UPPER OPTICAL WAVEGUIDE LAYER THINNER THAN LOWER OPTICAL WAVEGUIDE LAYER	HAYAKAWA, TOSHIRO
<u>09793138</u>	Not Issued	071	02/27/2001	HIGH-OUTPUT SEMICONDUCTOR LASER ELEMENT, HIGH-OUTPUT SEMICONDUCTOR LASER APPARATUS AND METHOD OF MANUFACTURING THE SAME	HAYAKAWA, TOSHIRO
<u>09779586</u>	Not Issued	071	02/09/2001	LASER APPARATUS INCLUDING SURFACE-EMITTING SEMICONDUCTOR EXCITED WITH SEMICONDUCTOR	HAYAKAWA, TOSHIRO

				LASER ELEMENT, AND DIRECTLY MODULATED	
<u>09756199</u>	<u>6362515</u>	150	01/09/2001	GAN SUBSTRATE INCLUDING WIDE LOW - DEFECT REGION FOR USE IN SEMICONDUCTOR ELEMENT	HAYAKAWA, TOSHIRO
<u>09659847</u>	Not Issued	093	09/11/2000	LASER APPARATUS IN WHICH SURFACE-EMITTING SEMICONDUCTOR IS EXCITED WITH SEMICONDUCT LASER ELEMENT AND HIGH-ORDER OSCILLATION MODES ARE SUPPRESSED	HAYAKAWA, TOSHIRO
<u>09648807</u>	Not Issued	071	08/28/2000	SEMICONDUCTOR LASER DEVICE HAVING THICKENED IMPURITY- DOPED ALUMINUM-FREE OPTICAL WAVEGUIDE LAYERS	HAYAKAWA, TOSHIRO
<u>09611972</u>	<u>6433345</u>	150	07/06/2000	FLUORESCENCE OBSERVING APPARATUS	HAYAKAWA, TOSHIRO
<u>09611229</u>	Not Issued	041	07/06/2000	FLUORESCENCE OBSERVING APPARATUS	HAYAKAWA, TOSHIRO
<u>09604433</u>	<u>6560264</u>	150	06/28/2000	STRIPE TYPE SEMICONDUCTOR LIGHT EMITTING ELEMENT HAVING INGAN ACTIVE LAYER, COMBINED WITH OPTICAL RESONATOR INCLUDING WAVELENGTH SELECTION ELEMENT	HAYAKAWA, TOSHIRO
<u>09315068</u>	Not Issued	071	05/20/1999	SEMICONDUCTOR LASER AND METHOD OF MANUFACTURING THE SAME	HAYAKAWA, TOSHIRO
<u>08971296</u>	<u>5917577</u>	150	11/17/1997	IMAGE EXPOSING DEVICE	HAYAKAWA , TOSHIRO
<u>07858733</u>	<u>5258326</u>	150	03/27/1992	QUANTUM DEVICE FABRICATION METHOD	HAYAKAWA , TOSHIROH
<u>07676652</u>	<u>5196369</u>	150	03/28/1991	METHOD OF PRODUCING A LIGHT EMITTING DIODE ARRAY DEVICE	HAYAKAWA , TOSHIRO
<u>07676634</u>	<u>5084892</u>	150	03/28/1991	WIDE GAIN REGION LASER DIODE	HAYAKAWA , TOSHIRO

<u>07676617</u>	<u>5105236</u>	150	03/28/1991	HETEROJUNCTION LIGHT-EMITTING DIODE ARRAY	HAYAKAWA , TOSHIRO
<u>07385592</u>	<u>5033043</u>	150	07/10/1989	OPTICAL HEAD APPARATUS FOR OPTICAL DISKS	HAYAKAWA , TOSHIRO
<u>07311403</u>	Not Issued	166	02/15/1989	SEMICONDUCTOR DEVICE	HAYAKAWA , TOSHIRO
<u>07291124</u>	<u>4905246</u>	150	12/28/1988	SEMICONDUCTOR LASER DEVICE	HAYAKAWA , TOSHIRO
<u>07285342</u>	<u>4899349</u>	150	12/14/1988	SEMICONDUCTOR LASER DEVICE	HAYAKAWA , TOSHIRO
<u>07277994</u>	Not Issued	161	11/30/1988	METHOD FOR THE PRODUCTION OF SEMICONDUCTOR DEVICES	HAYAKAWA , TOSHIRO
<u>07274074</u>	<u>5001522</u>	150	11/21/1988	OPTICAL SEMICONDUCTOR DEVICE	HAYAKAWA , TOSHIRO
<u>07256097</u>	<u>4941024</u>	150	10/11/1988	SEMICONDUCTOR APPARATUS	HAYAKAWA , TOSHIRO
<u>07255049</u>	<u>4890293</u>	150	10/07/1988	SEMICONDUCTOR LASER DEVICE	HAYAKAWA , TOSHIRO
<u>07254080</u>	<u>4901326</u>	250	10/06/1988	SEMICONDUCTOR LASER DEVICE	HAYAKAWA , TOSHIRO
<u>07186818</u>	<u>4862470</u>	150	04/27/1988	SEMICONDUCTOR LASER DEVICE	HAYAKAWA , TOSHIRO
<u>07012702</u>	<u>4787089</u>	150	02/09/1987	A QUANTUM WELL SEMICONDUCTOR LASER DEVICE	HAYAKAWA , TOSHIRO
<u>06920585</u>	<u>4841533</u>	150	10/17/1986	A SEMICONDUCTOR LASER DEVICE HAVING A GRADED INDEX WAVEGUIDE	HAYAKAWA , TOSHIRO
<u>06910530</u>	<u>4769822</u>	150	09/23/1986	SEMICONDUCTOR LASER DEVICE	HAYAKAWA , TOSHIRO
<u>06905526</u>	Not Issued	161	09/09/1986	MOLECULAR BEAM EPITAXIAL GROWTH APPARATUS	HAYAKAWA , TOSHIRO
<u>06905516</u>	<u>4807235</u>	150	09/09/1986	SEMICONDUCTOR LASER DEVICE	HAYAKAWA , TOSHIRO
<u>06885920</u>	Not Issued	166	07/15/1986	SEMICONDUCTOR LASER DEVICE	HAYAKAWA , TOSHIRO
<u>06884554</u>	<u>4745612</u>	150	07/11/1986	A SEPARATE CONFINEMENT HETEROSTRUCTURE SEMICONDUCTOR LASER DEVICE	HAYAKAWA , TOSHIRO
<u>06854248</u>	<u>4759024</u>	150	04/21/1986	A SEMICONDUCTOR LASER DIVICE HAVING AN	HAYAKAWA , TOSHIRO

				OSCILLATION WAVELENGTH IN THE VISIBLE SHORT - WAVELENGTH REGION	
<u>06843146</u>	<u>4824518</u>	150	03/24/1986	METHOD FOR THE PRODUCTION OF SEMICONDUCTOR DEVICES	HAYAKAWA , TOSHIRO
<u>06805522</u>	Not Issued	161	12/06/1985	OPTICAL SEMICONDUCTOR DEVICE	HAYAKAWA , TOSHIRO
<u>06801777</u>	Not Issued	166	11/26/1985	SEMICONDUCTOR DEVICE	HAYAKAWA , TOSHIRO
<u>06772789</u>	<u>4737959</u>	150	09/05/1985	SEMICONDUCTOR LASER ARRAY DEVICE	HAYAKAWA , TOSHIRO
<u>06644437</u>	<u>4569721</u>	150	08/27/1984	METHOD FOR THE PRODUCTION OF SEMICONDUCTOR LASERS	HAYAKAWA , TOSHIRO
<u>06633990</u>	<u>4637029</u>	150	07/24/1984	SEMICONDUCTOR LASER	HAYAKAWA , TOSHIRO

[Search and Display More Records.](#)

	<b>Last Name</b>	<b>First Name</b>	
<b>Search Another: Inventor</b>	<input type="text" value="hayakawa"/>	<input type="text" value="toshiro"/>	<input type="button" value="Search"/>

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Thursday

Date: 5/1/2003  
Time: 12:35:58

PALM INTRANET

**Inventor Name Search Result**

Your Search was:

Last Name = SONODA

First Name = SHINICHIRO

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>09972960</u>	Not Issued	030	10/10/2001	LIGHT WAVELENGTH CONVERTING MODULE	SONODA, SHINICHIRO
<u>09730248</u>	Not Issued	041	12/05/2000	LASER LIGHT SOURCE IN WHICH SEMICONDUCTOR LIGHT EMITTING ELEMENT IS BUTT-COUPLED TO WAVELENGTH SELECTION ELEMENT SO AS TO FORM ANTIREFLECTION OPTICAL SYSTEM	SONODA, SHINICHIRO
<u>09698209</u>	Not Issued	030	10/30/2000	LIGHT WAVELENGTH CONVERTING SYSTEM	SONODA, SHINICHIRO
<u>09576426</u>	Not Issued	061	05/22/2000	SEMICONDUCTOR LASER DEVICE WITH WAVELENGTH SELECTION AND HIGH-FREQUENCY MODULATION OF DRIVING CURRENT	SONODA, SHINICHIRO
<u>09517589</u>	Not Issued	061	03/03/2000	LIGHT SCANNING AND RECORDING APPARATUS	SONODA, SHINICHIRO
<u>09343205</u>	<u>6385219</u>	150	06/30/1999	LASER DIODE PUMPED SOLID STATE LASER	SONODA , SHINICHIRO
<u>08759794</u>	<u>5838486</u>	150	12/04/1996	OPTICAL WAVELENGTH CONVERSION ELEMENT METHOD OF MANUFACTURING THE SAME AND OPTICAL WAVELENGTH CONVERSION MODULE	SONODA , SHINICHIRO
<u>08701055</u>	<u>5878175</u>	150	08/21/1996	ELECTRO-OPTICAL WAVEGUIDE ELEMENT WITH REDUCED DC DRIFT PHENOMENA	SONODA , SHINICHIRO
<u>08487517</u>	<u>5566258</u>	150	06/07/1995	WAVEGUIDE TYPE	SONODA ,

				ELECTRO-OPTICAL ELEMENT COMPRISING MATERIAL HAVING SPECIFIC RESISTANCE RANGING BETWEEN 107 - 1011 OMEGA CM	SHINICHIRO
<u>08413900</u>	Not Issued	166	03/30/1995	ELECTRO-OPTICAL WAVEGUIDE ELEMENT WITH REDUCED DC DRIFT PHENOMENA	SONODA , SHINICHIRO

Inventor Search Completed: No Records to Display.

	<b>Last Name</b>	<b>First Name</b>	
<b>Search Another: Inventor</b>	<input type="text" value="sonoda"/>	<input type="text" value="shinichiro"/>	<input type="button" value="Search"/>

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)